

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q81522

Munetaka WATANABE, et al.

Appln. No.: 10/593,288

Group Art Unit: 2814

Confirmation No.: 8457

Examiner: Bilkis Jahan

Filed: September 18, 2006

For: TRANSPARENT POSITIVE ELECTRODE

**STATEMENT OF SUBSTANCE OF INTERVIEW**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please review and enter the following remarks summarizing the interview conducted on June 22, 2010:

**REMARKS**

An Examiner's Interview Summary Record (PTO-413) has not been received.

During the interview, the following was discussed:

1. **Brief description of exhibits or demonstration:** None
2. **Identification of claims discussed:** Claim 12
3. **Identification of art discussed:** Uemura (US 6,331,450 B1)
4. **Identification of principal proposed amendments:** None
5. **Brief Identification of principal arguments:** Applicants' representative explained

that Uemura does not disclose a gallium nitride-based compound semiconductor light-emitting device comprising a transparent positive electrode, because as shown in Fig. 1 of Uemura, the

light from emission layer 104 is reflected on the interface of first metal layer 111 and p-layer 106. The Examiner agreed that the electrode 120 of Uemura is not a transparent electrode.

Applicants' representative discussed with the Examiner the executed Declaration by Mr. Watanabe that was submitted on December 22, 2010. The Examiner advised that the executed Declaration will be considered.

Regarding the recitation of "a bonding pad layer" of claim 12, Applicants' representative pointed out that Uemura discloses in Fig. 1 and Fig. 4A two separate and independent embodiments, and there is no teaching or suggestion within Uemura for modifying and combining the disparate embodiments disclosed in Fig. 1 and Fig. 4A, to form a bonding pad layer 320 of Fig. 4A on the current diffusing layer 112 of Fig. 1. Applicants' representative pointed out that Examiner had previously agreed to Applicants' position in this regard.

In response, the Examiner asserted that although Fig. 1 of Uemura does not show a bonding pad layer, in the Examiner's view, the light-emitting semiconductor device of Fig. 1 of Uemura would require a bonding pad layer to be functional.

**6. Indication of other pertinent matters discussed:** The Examiner clarified that the Office Action intended to cite numeral 120 (not 113) of Uemura as a transparent positive electrode.

**7. Results of Interview:** Applicant's representative will submit a responsive Response.  
**8. It is respectfully submitted that the instant STATEMENT OF SUBSTANCE OF INTERVIEW complies with the requirements of 37 C.F.R. §§1.2 and 1.133 and MPEP §713.04.**

**It is believed that no petition or fee is required.** However, if the USPTO deems otherwise, Applicant hereby petitions for any extension of time which may be required to

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maintain the pendency of this case, and any required fee, except for the Issue Fee, for such extension is to be charged to Deposit Account No. 19-4880.

Respectfully submitted,



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CUSTOMER NUMBER

Date: June 30, 2010